



Revision number:

Purchasing Agent: Debbie Gundersen

Item: SATELLITE INTERNET SERVICE EQUIPMENT, INSTALLATION & MAINTENANCE

Vendor: 94921A GROUND CONTROL
720 AEROVISTA PLACE
SAN LUIS OBISPO, CA 93401

Internet Homepage: www.groundcontrol.com

Telephone: (805) 783-4609

Fax number: (805) 783-4617

Contact: Mary Slagle

Email address: M.slagle@groundcontrol.com

Brand/trade name:

Price: See Attached Price List

Terms: Net 30

Effective dates: 09/04/03 through 09/03/05

Days required for delivery: 30 Days

Price guarantee period: 1 Year

Minimum order: None

Min shipment without charges:

Other conditions: Potential renewal options through 09/03/08

THIS IS A NEW CONTRACT

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. Legislative and Judicial agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Executive Agencies must contact Bill Theel in ITS at 801-538-3333 for assistance. Agencies will return to the vendor any invoice which reflects incorrect pricing.

**HARDWARE:**

Fixed Satellite System COST: \$1,479.00

DW4020 System includes

- a. 4020 Gateway 5 port 10/100 HUB
- b. IRU modem
- c. ITU modem
- d. RFN Dish with mounting hardware
- e. E. Power supply with cable

The DW 4020, in combination with an antenna, provides satellite connectivity for multiple computers on a LAN. Because the product is a completely self-contained unit, it requires no external PC to host any functions. It performs many of the functions of a typical IP router, thereby eliminating the need for a separate external router. Touter functions performed by the unit include IP routing using RIPV1, RIPV2 or static IP addresses, DHCP Server (assignment of IP addresses on the local LAN), Network Address Translation (NAT), and Firewall using filters. This product will support telnet, http, raw TCP sockets, and UDP packets in a manner that is completely transparent. This system will support multiple users and 45 concurrent TCP IP connections per site.

HARDWARE:

Mobile DataStorm Satellite System COST: \$2,995.00

The Mobile Satellite System provides for unlimited high speed broadband internet access anywhere in the contiguous United States. This system is capable of automatically pointing to the required satellite, but is also capable of manual operation. It has GPS location, heading and altitude in any weather utilizing a remotely operated control within the shelter of the mobile vehicle.

IG 2500 System includes

- a. Motosat Mobile mount
- b. DW4000 Satellite system
 IRU modem
 ITU modem
 RFN Dish
 Power supply with cable

Additional Networking Hardware for Portable Command Post
Network Access Point

Ground Control has developed a Network Access Point (NAP) for the DIRECWAY Satellite platform. This gateway system allows you to connect multiple computers on a standard network and has a built in 4 port switch.



Prices for multiple user(s)

Includes 5 seat software	COST: \$910.00
Includes 10 seat software	\$1,110.00
Includes 25 seat software	\$1,325.00

INSTALLATION cost fixed location	\$500/unit
INSTALLATION cost portable command post	\$1,000/unit

Hardware maintenance COST: Free 1 year from purchase.
 1 year warranty coverage on all parts and labor for both fixed and mobile systems. Unlimited 24 hour 7 day a week technical support and field repairs as authorized by manufacturer under warranty period. No extended warranty available on products. Unlimited 24 hour 7 day a week technical support included with monthly bandwidth.

BANDWIDTH: Includes 500 MB throughout reflecting the maximum download connection. 1 Static IP address per account is provided, and the bandwidth is billed monthly. The annual price for bandwidth is 12 x the monthly amount.

Mobile:

Monthly service cost up link data 30-90 kbps, downlink 400kbps-1.2 MG \$99.00 mo.

Monthly service cost up link data *90-200 kbps, downlink 400 kbps-1.2 MG \$239.00 mo. (800 MG throughput)

*This service package requires purchase of additional hardware. (Mobile only)
Hardware IG 1500SA 4020 Gateway \$655.00 per unit

Fixed:

Monthly service cost up link data 30-90 kbps, downlink 400kbps-1.2 MG \$115.00 mo.

Monthly service cost up link data * 90-200 kbps, downlink 400kbps-1.2 MG \$239.00 mo. (800MG throughput)

VPN software solution:

Ground Control knows that security is of major importance with any company. If you are on the public network, using a VPN us standard. When you wish to use a VPN over satellite, you will want to use IG-VPN from Ground Control which will eliminate performance issues related to VPN. This software based solution has all the content filtering, IP addressing, caching, spoofing, and firewall services



included and is priced for server and client. Software maintenance is priced annually.

IG-VPN Server 25 user License	COST: \$2,495.00
IG-VPN Single Client License	\$ 99.00
IG-VPN Maintenance Yearly Server	\$ 499.00
IG-VPN Maintenance Yearly Client	\$ 20.00

Reports- The Contractor will submit yearly reports to the state purchasing agent (Debbie Gundersen) showing quantities and Dollar Volume of Purchases by each agency and political subdivision. First report due 09/05/04

FINET COMMODITY CODE(S):

9251800000-COMMUNICATIONS